

In the specification:

Please amend the specification by adding the following paragraphs at page 1, immediately after line 5 "Field of the Invention":

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--This application includes a microfiche appendix. The applicants have no objection to copying for patent purposes, but reserve all other rights whatsoever.--

*B1*  
*m*

--This application is a continuation of U.S. Patent Application Serial No. 09/243,870 filed February 3, 1999 (<sup>abandoned</sup>~~pending~~), which is a continuation-in-part of U.S. provisional patent application Serial No. 60/073,580 filed February 3, 1998 (abandoned). --

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In the claims:

[Amend claim 1 to read as follows:]

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1. (Once Amended) A method of modeling circulation in a living subject, such method comprising the steps of:

*SB*  
*C1*

developing a pressure and flow model of an arterial circulatory system for living subjects in general;

correcting the model of the circulatory system to substantially conform to [the overall cerebral physiology] a